ABSTRACT OF THE DISCLOSURE

The present invention provides an automated solution for generating a question document and an answer document from a database of questions and answers. The solution utilizes an extensible markup language to define the database. The database is then converted into a first

5   Document Object Model (DOM) tree. The first DOM tree may then be used in prompting a user to enter the number of questions from each section to be generated. Once this input is received, nodes from the first DOM tree are randomly selected using the data received from the input. These randomly selected nodes are then used to create a second DOM tree representing the quiz or test. This second DOM tree may then be converted to a readable or printable format using a

10 transformation, such as an stylesheet language transformation.